

## DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket  
No.  
005092.00073

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below at 201) or an original, first and joint inventor (if plural inventors are named below at 201-202) of the subject matter which is claimed and for which a patent is sought on the invention entitled, "**Configurable Microfluidic Substrate Assembly**", the specification of which is attached hereto, and for which we have filed on June 6, 2005 an application of that name for Letters Patent of the United States, assigned by the U.S. Patent and Trademark Office U.S. Serial No. 10/537,690, and for which we have filed international application No. PCT/US03/038707 on December 5, 2003.

I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to applications for patents or inventors certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

☐ no such applications have been filed, or  
☒ such applications have been filed as follows:

Country	Application No.	Date of Filing (day,month,yr)	Date of Issue	Priority Claimed Under 35 USC 119			
USA	60/431,039	05 December 2002		Yes	<input checked="" type="checkbox"/>	NO	
PCT	PCT/US03/038707	05 December 2003		Yes	<input checked="" type="checkbox"/>	NO	
				Yes		NO	
				Yes		NO	
				Yes		NO	

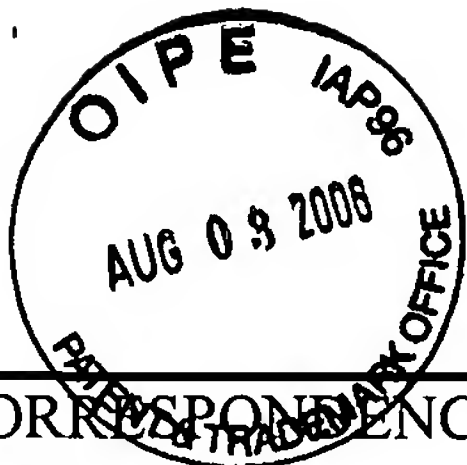
**Power of Attorney**

I hereby appoint, the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

All correspondence and telephone communications should be addressed to:

Customer Number: 22910  
Peter D. McDermott (29,411)  
Banner & Witcoff, Ltd.  
28 State Street, 28th Floor  
Boston, MA 02109

Tel: (617) 720-9600  
Fax: (617) 720-9601



SEND CORRESPONDENCE TO:

**Peter D. McDermott**  
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**Boston, MA 02109**

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201	FULL NAME OF INVENTOR	Family Name <b>Strand</b>	First Given Name <b>David</b>	Second Given Name
	RESIDENCE & CITIZENSHIP	City <b>Sherborn</b>	Country of Citizenship <b>USA</b>	
	POST OFFICE ADDRESS	Post Office Address <b>16 Nason Hill Lane</b>	City <b>Sherborn</b>	State, Zip Code, Country <b>Massachusetts, 01770, USA</b>
202	FULL NAME OF INVENTOR	Family Name <b>Barrow</b>	First Given Name <b>David</b>	Second Given Name
	RESIDENCE & CITIZENSHIP	City <b>Cardiff</b>	Country of Citizenship <b>United Kingdom</b>	
	POST OFFICE ADDRESS	Post Office Address <b>61 Lake Road West, Roath Park</b>	City <b>Cardiff</b>	State, Zip Code, Country <b>CF23 5PH United Kingdom</b>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201

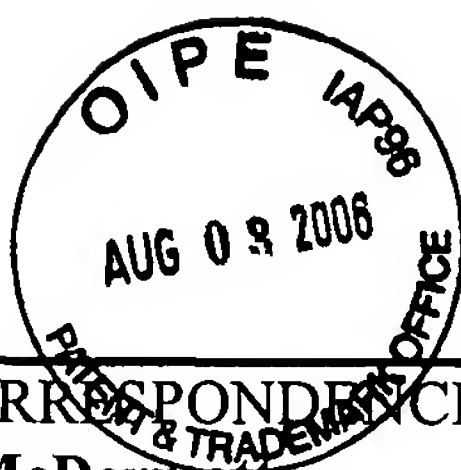
DATE

**July 17, 2006**

SIGNATURE OF INVENTOR 202

DATE

*Declaration and Power of Attorney*  
*(005092.00073)*



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SIGNATURE OF INVENTOR 201

DATE

SIGNATURE OF INVENTOR 202

*D Barrow*

DATE

*23 July 2006*

*Declaration and Power of Attorney*  
*(005092.00073)*